



# OUTLAW<sup>®</sup>

## S E R I E S

### Installation Instructions for

# 817844

## CAT-BACK OTL DOR EXHAUST 2018-2019 JEEP WRANGLER JL WITH 3.6L ENGINE

### OVERVIEW:

1. Please take a moment to read and understand these instructions before installing your Flowmaster performance system.

NOTE: Please inventory all parts before starting the installation process and call our tech line to report any missing parts. This will help avoid potentially stranding your vehicle until any missing replacement parts arrive.

| PART NO. | DESCRIPTION              | QTY. |
|----------|--------------------------|------|
| 15192S   | Resonator                | 1    |
| 86510S   | Catalytic Adapter        | 1    |
| 86505S   | Front Inlet Pipe         | 1    |
| 86506S   | Rear Inlet Pipe          | 1    |
| 815425   | Outlaw Muffler           | 1    |
| PK964    | Hardware Pack includes:  | 1    |
| MC250BS  | 2½" Stainless Band Clamp | 3    |
| HW502    | ¾" Hanger Keeper         | 3    |

### REMOVE STOCK EXHAUST SYSTEM:

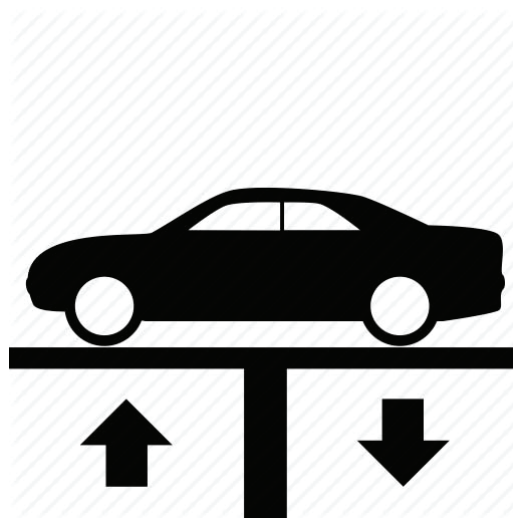
2. Raise vehicle up on a hoist or rack to working height. If you don't have access to a hoist or rack, support vehicle with jack stands.

#### WARNING:

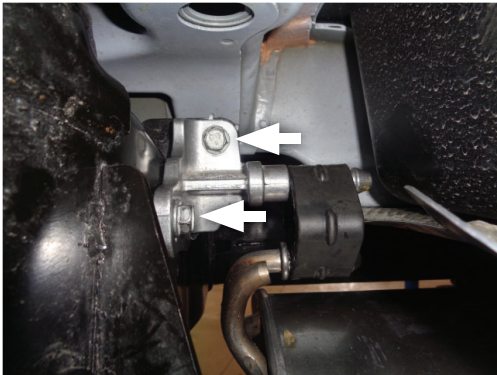
Avoid serious burns! Allow your vehicle time to cool completely before touching any factory engine components.

#### To ease disassembly of factory components:

- Apply penetrating lubricant to mounts, bolts and clamps before you remove them.
- Use stands as necessary to support parts as you detach them from your vehicle.



3. Remove bolts (x2) from mount on driver side above muffler.



4. Remove bolts (x2) from mount on passenger side above muffler.



5. Loosen clamp at muffler inlet connection above rear axle.



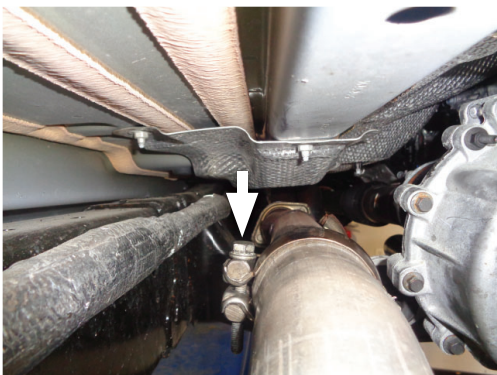
6. Remove muffler from vehicle. Place stock muffler next to Outlaw muffler oriented in the same direction, then transfer mounts (x2) over.



7. Remove stock hanger mount with a pry bar and retain for later use.

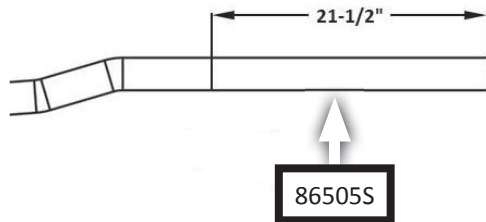


8. Remove bolt on clamp at resonator inlet then remove assembly from vehicle. Retain clamp for later re-use.



9. Remove nuts from stock and Flowmaster clamps, apply anti-seize compound to bolts and re-install nuts.

**FOR TWO-DOOR VEHICLES ONLY**, cut 21½" from rear of front inlet pipe (86505S).



**NOTE:** If you would like the resonator delete option, complete this step using **catalytic converter (86510S)** in place of resonator.

10. Place clamp on **resonator (151925)** then connect it to cat converter. Snug clamp enough to allow adjustment.



11. Place **clamp (MC250BS)** onto front inlet pipe then connect it to resonator. Make sure front inlet pipe bend is oriented upwards for maximum clearance. Tighten clamp just enough to allow for adjustment.



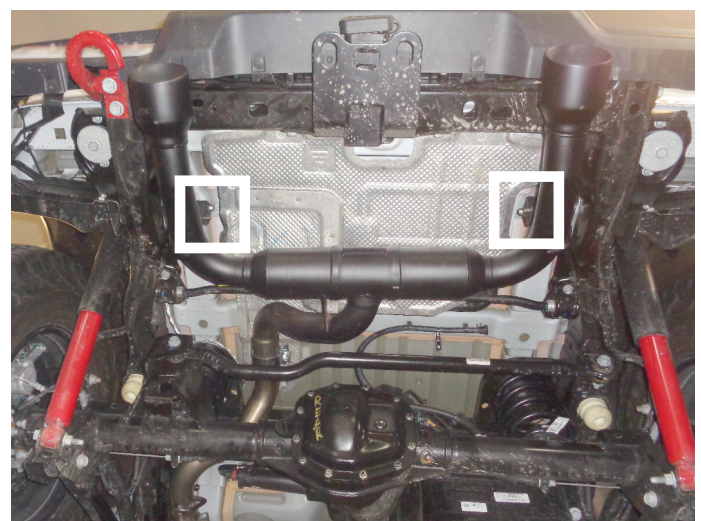
12. Place **clamp (MC250BS)** onto **rear inlet pipe (86506S)**, then connect it to front inlet pipe. Insert wire hanger into isolator then tighten clamp just enough to allow for adjustment.



13. Place **clamp (MC250BS)** onto **muffler (815425)** then connect it to rear inlet pipe. Support muffler, then ensure all connections are completely seated.



14. Place factory (driver and passenger side) hanger mounts into position, then reinstall and tighten factory bolts.



15. Adjust exhaust components to provide a satisfactory fit. Maintain a minimum of ½" clearance around all components of exhaust system, keeping in mind suspension, travel and vibration. After making any required adjustments, securely tighten clamps.
16. Slide **hanger keepers (x3) (HW502)** onto the end of each hanger to prevent components from slipping out of their rubber mounts.
17. We recommend applying a one inch tack weld to all slip-fit connections for a more secure installation. You may also apply high temperature paint over welded areas to prevent rust and premature corrosion.



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Congratulations, the installation of your FLOWMASTER performance exhaust system is now complete!





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Installation Diagram for

**817844**

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